



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/779,377	02/13/2004	Yaz-Tzung Wu	LA-7196-139.US	9007
167	7590	10/05/2005	EXAMINER	
FULBRIGHT AND JAWORSKI LLP 555 S. FLOWER STREET, 41ST FLOOR LOS ANGELES, CA 90071			MANOHARAN, MUTHUSWAMY GANAPATHY	
			ART UNIT	PAPER NUMBER
			2683	

DATE MAILED: 10/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/779,377	WU, YAZ-TZUNG	
	Examiner	Art Unit	
	Muthuswamy G. Manoharan	2683	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

42

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1,2, and 6 are rejected under 35 U.S.C. 102(e) as being anticipated by Lee (US 2004/0147283).

Regarding claim 1, Lee teaches a wireless peripheral voice input device for use in conjunction with a computer platform for user-operated voice input to the computer platform by way of a wireless peripheral device; the wireless peripheral voice input device comprising: a sound pickup module, which is integrated to the wireless peripheral device, and which is capable of picking up natural sound from the surrounding environment (Paragraph [0025], line 6); a sound transducing module, which is integrated to the wireless peripheral device, and which is capable of transforming the natural sound picked by the sound pickup module into an electrical audio signal (Paragraph [0025], line 7-9); an audio signal modulation module, which is integrated to the wireless peripheral device, and which is capable of modulating the electrical audio signal from the sound transducing module into a modulated audio signal (Paragraph [0025], line 12); a transmitting wireless interface module, which is integrated to the wireless peripheral device, and which is capable of converting the modulated audio

signal from the audio signal modulation module into a wireless audio signal and emitting the wireless audio signal into the surrounding environment (Paragraph [0025], line 1); and a reception wireless interface module, which is coupled to the computer platform, and which is capable of receiving the wireless audio signal from the transmitting wireless interface module on the wireless peripheral device and transferring the received audio signal to the computer platform (Paragraph [0017], line 1).

Regarding claim 3, Lee teaches the wireless peripheral voice input device of claim 1, wherein the computer platform is a desktop computer (Paragraph [0015], line 1).

Regarding claim 6, Lee teaches the wireless peripheral voice input device of claim 1, wherein the wireless peripheral device is a wireless mouse device (Paragraph [0005], line 4).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee in view of Peek (US 2005/0083879).

Regarding claim 2(4), Lee teaches all the particulars of the claim 1. He did not disclose expressly wherein the computer platform is a notebook (tablet) computer. However, Peek discloses in an analogous art, wherein the computer platform is a notebook (tablet) computer (Paragraph [0006], line 8). Therefore, it would be obvious to

one of ordinary skill in the art at the time of invention to use the wireless interface, wherein the computer platform is a notebook (tablet) computer. This modification makes the system completely free of cables.

Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Lee in view of Zabadani et al. (hereinafter Zabadani) (2005/0062637).

Regarding claim 5, Lee teaches all the particulars of the claim 1. He did not teach expressly, wherein the wireless peripheral device is a wireless multimedia controller. However, Zabadani teaches in an analogous art, wherein the wireless peripheral device is a wireless multimedia controller (Paragraph [0006], lines 1-3). Therefore, it would be obvious to one of ordinary skill in the art at the time of invention to use the peripheral device wherein the wireless peripheral device is a wireless multimedia controller. This modification makes the operation of the peripheral device more versatile and the peripheral device can be used to control the operation of multimedia devices.

Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Lee in view of Young et al. (herinafter Young) (US 6151645).

Regarding claim 7, Lee teaches all the particulars of the claim 1. He did not teach expressly the wireless peripheral voice input device of claim 1, wherein the reception wireless interface module is coupled to the computer platform by way of a USB (Universal Serial Bus) port. However, Young teaches in an analogous art, wherein the reception wireless interface module is coupled to the computer platform by way of a USB (Universal Serial Bus) port (items 122, 147 in Figure 1). Therefore, it would be obvious to one of ordinary skill in the art at the time of invention to use reception

Art Unit: 2683

wireless interface module is coupled to the computer platform by way of a USB (Universal Serial Bus) port. This modification increases the speed in addition to ease of use.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Muthuswamy G. Manoharan whose telephone number is 571-272-5515. The examiner can normally be reached on 7:30AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on 571-272-7872. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


WILLIAM TROST
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600